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naphthoic acids.

Appl Environ Microbiol. 1993 Jun; 59(6):1938-42. PMID: 8328810 [PubMed - indexed for MEDLINE]

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Related Articles, Links

Comparative genetic organization of incompatibility group P degradative plasmids.

J Bacteriol. 1990 Dec;172(12):6818-25.

PMID: 2254257 [PubMed - indexed for MEDLINE]

2: Sayler GS, Nelson JD Jr, Colwell RR.

Related Articles, Links

Role of bacteria in bioaccumulation of mercury in the oyster Crassostrea virginica.

Appl Microbiol. 1975 Jul;30(1):91-6. PMID: 1147622 [PubMed - indexed for MEDLINE]

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7. Ripp SL, Fitzpatrick JL, Peters JM, Prough RA.

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Induction of CYP3A expression by dehydroepiandrosterone: involvement

Related Articles, Links

Drug Metab Dispos. 2002 May;30(5):570-5. PMID: 11950789 [PubMed - indexed for MEDLINE] 8: Fitzpatrick JL, Ripp SL, Smith NB, Pierce WM Jr, Prough RA Related Articles, Links Metabolism of DHEA by cytochromes P450 in rat and human liver microsomal fractions. Arch Biochem Biophys. 2001 May 15;389(2):278-87. PMID: 11339818 [PubMed - indexed for MEDLINE] 9: Hines RN, Luo Z. Cresteil T. Ding X, Prough RA, Fitzpatrick JL. Related Articles, Links Ripp SL, Falkner KC, Ge NL, Levine A, Elferink CJ Molecular regulation of genes encoding xenobiotic-metabolizing enzymes: mechanisms involving endogenous factors. Drug Metab Dispos. 2001 May;29(5):623-33. Review. PMID: 11302926 [PubMed - indexed for MEDLINE] 10: Ripp S, Nivens DE, Werner C, Sayler GS. Related Articles, Links Bioluminescent most-probable-number monitoring of a genetically engineered bacterium during a long-term contained field release. Appl Microbiol Biotechnol. 2000 Jun;53(6):736-41. PMID: 10919336 [PubMed - indexed for MEDLINE] 11: Sayler GS, Ripp S. Related Articles, Links Field applications of genetically engineered microorganisms for bioremediation processes. Curr Opin Biotechnol. 2000 Jun;11(3):286-9. Review. PMID: 10851144 [PubMed - indexed for MEDLINE] 12: Ripp SL, Itagaki K, Philpot RM, Elfarra AA. Related Articles, Links Methionine S-oxidation in human and rabbit liver microsomes: evidence for a high-affinity methionine S-oxidase activity that is distinct from flavin-containing monooxygenase 3. Arch Biochem Biophys. 1999 Jul 15;367(2):322-32. PMID: 10395751 [PubMed - indexed for MEDLINE] 13: Ripp SL, Itagaki K, Philpot RM, Elfarra AA. Related Articles, Links Species and sex differences in expression of flavin-containing monooxygenase form 3 in liver and kidney microsomes. Drug Metab Dispos. 1999 Jan;27(1):46-52. PMID: 9884308 [PubMed - indexed for MEDLINE] 14: Ripp S, Miller RV. Related Articles, Links Dynamics of the pseudolysogenic response in slowly growing cells of Pseudomonas aeruginosa. Microbiology. 1998 Aug;144 (Pt 8):2225-32. PMID: 9720044 [PubMed - indexed for MEDLINE] 15: Ripp SL, Overby LH, Philpot RM, Elfarra AA. Related Articles, Links Oxidation of cysteine S-conjugates by rabbit liver microsomes and cDNA-expressed flavin-containing mono-oxygenases: studies with S-(1,2-dichlorovinyl)-L-cysteine, S-(1,2,2-trichlorovinyl)-L-cysteine, Sallyl-L-cysteine, and S-benzyl-L-cysteine. Mol Pharmacol. 1997 Mar;51(3):507-15.

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PMID: 9058607 [PubMed - indexed for MEDLINE]

□ 16:	Krause RJ, Ripp SL, Sausen PJ, Overby LH, Philpot RM, Effarra AA.	Related Articles, Links
	Characterization of the methionine S-oxidase activity of kidney microsomes: immunochemical and kinetic evid being the major catalyst. Arch Biochem Biophys. 1996 Sep 1;333(1):109-16. PMID: 8806760 [PubMed - indexed for MEDLINE]	
17:	Ripp S. Ogunseitan OA, Miller RV.	Related Articles, Links
	Transduction of a freshwater microbial community by Pseudomonas aeruginosa generalized transducing phag Mol Ecol. 1994 Apr;3(2):121-6. PMID: 8019688 [PubMed - indexed for MEDLINE]	
□ 18:	Kidambi SP, Ripp S, Miller RV.	Related Articles, Links
	Evidence for phage-mediated gene transfer among Pseraeruginosa strains on the phylloplane. Appl Environ Microbiol. 1994 Feb;60(2):496-500. PMID: 8135513 [PubMed - indexed for MEDLINE]	udomonas
□ 19:	Quinn JP, Darzins A, Miyashiro D, Ripp S, Miller RV.	Related Articles, Links
	Imipenem resistance in pseudomonas aeruginosa PAO: OprD2 gene. Antimicrob Agents Chemother. 1991 Apr;35(4):753-5. PMID: 1906263 [PubMed - indexed for MEDLINE]	mapping of the
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Evidence for 4-chlorobenzoic acid dehal related to pSS50. Appl Environ Microbiol. 1992 Jan;58(1):399-402. PMID: 1539985 [PubMed - indexed for MEDLIN	2.
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in manufactured gas plant soils. Biodegradation. 1993-94;4(4):303-21.

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Y



BphS, a key transcriptional regulator of bph genes involved in polychlorinated biphenyl/biphenyl degradation in Pseudomonas sp. KKS102.

J Biol Chem. 2001 Sep 28;276(39):36146-54. Epub 2001 Jul 17.

PMID: 11459836 [PubMed - indexed for MEDLINE]

8: Ohta Y, Maeda M, Kudo T.

Related Articles, Links



Pseudomonas putida CE2010 can degrade biphenyl by a mosaic pathway encoded by the tod operon and cmtE, which are identical to those of P. putida F1 except for a single base difference in the operator-promoter region of the cmt operon.

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PMID: 11160798 [PubMed - indexed for MEDLINE]

9: Lim JC, Lee J, Jang JD, Lim JY, Min KR, Kim CK, Kim Y.

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Characterization of the pcbE gene encoding 2-hydroxypenta-2,4-dienoate hydratase in Pseudomonas sp. DJ-12.

Arch Pharm Res. 2000 Apr;23(2):187-95.

PMID: 10836749 [PubMed - indexed for MEDLINE]

10: Mouz S. Merlin C. Springael D. Toussaint A.

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A GntR-like negative regulator of the biphenyl degradation genes of the transposon Tn4371.

Mol Gen Genet. 1999 Dec;262(4-5):790-9.

PMID: 10628862 [PubMed - indexed for MEDLINE]

11: Marita JM, Ralph J, Hatfield RD, Chapple C.

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NMR characterization of lignins in Arabidopsis altered in the activity of ferulate 5-hydroxylase.

Proc Natl Acad Sci U S A. 1999 Oct 26;96(22):12328-32. PMID: 10535921 [PubMed - indexed for MEDLINE]

12: Barriault D. Sylvestre M.

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A ColE1-compatible expression vector for the production of His-tagged fusion proteins.

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13: Layton AC, Muccini M, Ghosh MM, Sayler GS.

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Construction of a bioluminescent reporter strain To detect polychlorinated biphenvls

Appl Environ Microbiol. 1998 Dec;64(12):5023-6. PMID: 9835601 [PubMed - as supplied by publisher]

14: Yamada A, Kishi H, Sugiyama K, Hatta T, Nakamura K, Masai Releted Articles, Links E, Fukuda M.



Two nearly identical aromatic compound hydrolase genes in a strong polychlorinated biphenyl degrader, Rhodococcus sp. strain RHA1. Appl Environ Microbiol. 1998 Jun;64(6):2006-12.

PMID: 9603807 [PubMed - indexed for MEDLINE]

15: Khan AA, Wang RF, Nawaz MS, Cerniglia CE.

Related Articles, Links

Nucleotide sequence of the gene encoding cis-biphenyl dihydrodiol

cb e fcg h e ch hg

dehydrogenase (bphB) and the expression of an active recombinant Histagged bphB gene product from a PCB degrading bacterium, Pseudomonas putida OU83. FEMS Microbiol Lett. 1997 Sep 15;154(2):317-24. PMID: 9311131 [PubMed - indexed for MEDLINE] 16: McKay DB, Seeger M, Zielinski M, Hofer B, Timmis KN. Related Articles, Links Heterologous expression of biphenyl dioxygenase-encoding genes from a gram-positive broad-spectrum polychlorinated biphenyl degrader and characterization of chlorobiphenyl oxidation by the gene products. J Bacteriol. 1997 Mar; 179(6):1924-30. PMID: 9068637 [PubMed - indexed for MEDLINE] 17: Moore M. Mustain M. Daniel K. Chen I. Safe S. Zacharewski T. Related Articles, Links Gillesby B. Joyeux A. Balaguer P. Antiestrogenic activity of hydroxylated polychlorinated biphenyl congeners identified in human serum. Toxicol Appl Pharmacol. 1997 Jan;142(1):160-8. PMID: 9007045 [PubMed - indexed for MEDLINE] 18: Klug J, Beato M. Related Articles, Links Binding of YY1 to a site overlapping a weak TATA box is essential for transcription from the uteroglobin promoter in endometrial cells. Mol Cell Biol. 1996 Nov;16(11):6398-407. PMID: 8887668 [PubMed - indexed for MEDLINE] 19: Kim CK, Kim E, Chae JC, Kim Y. Related Articles, Links Structure of the pcbC gene encoding 2,3-dihydroxybiphenyl dioxygenase of Pseudomonas sp. P20. Biochem Biophys Res Commun. 1996 Sep 4;226(1):15-20. PMID: 8806585 [PubMed - indexed for MEDLINE] 20: Lau PC, Garnon J, Labbe D, Wang Y. Related Articles, Links Location and sequence analysis of a 2-hydroxy-6-oxo-6-phenylhexa-2,4dienoate hydrolase-encoding gene (bpdF) of the biphenyl/polychlorinated biphenyl degradation pathway in Rhodococcus sp. M5. Gene. 1996 May 24;171(1):53-7. PMID: 8675030 [PubMed - indexed for MEDLINE] Display Summary Show: 20 Send to Text Page 1 Items 1-20 of 36 of 2 Next

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Identification of the Pseudomonas stutzeri OX1 toluene-o-xylene

monooxygenase regulatory gene (touR) and of its cognate promoter. Appl Environ Microbiol. 1999 Sep;65(9):4057-63. PMID: 10473416 [PubMed - indexed for MEDLINE]

2: Byrne AM, Olsen RH.

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Cascade regulation of the toluene-3-monooxygenase operon (tbuA1UBVA2C) of Burkholderia pickettii PKO1; role of the tbuA1 promoter (PtbuA1) in the expression of its cognate activator, TbuT. J Bacteriol. 1996 Nov; 178(21):6327-37. PMID: 8892837 [PubMed - indexed for MEDLINE]

3: Spooner RA, Bagdasarian M, Franklin FC.

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Activation of the xylDLEGF promoter of the TOL toluene-xylene degradation pathway by overproduction of the xylS regulatory gene product.

J Bacteriol, 1987 Aug; 169(8):3581-6.

PMID: 3301806 [PubMed - indexed for MEDLINE]

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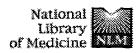
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